

MISSION PROFILE - A-12

(REFUEL 200 MILES OUTSIDE BORDER)

<u>OUTBOUND SEGMENT</u>	<u>TIME</u>	<u>ALT.</u>	<u>WT.</u>	<u>FUEL USED</u>	<u>DISTANCE</u>
Take Off		S.L.	115,000	2,000	0
Climb	14	S.L.-76,000	113,000- 95,150	17,850	245
Cruise	124	76,000-88,000	95,150- 51,700	43,450	3,780
Descent	6	88,000-35,000	51,700- 51,275	425	130
Search	15	35,000	51,275- 49,475	1,800	0
Refuel w/3075# Reserve	159	35,000-25,000	49,475-113,500	65,525	4,155

  

<u>COMBAT SEGMENT</u>	<u>TIME</u>	<u>ALT.</u>	<u>WT.</u>	<u>FUEL USED</u>	<u>DISTANCE</u>
Climb	12	25,000-84,500	113,500- 99,800	13,700	240
Combat to Target	61	84,500-91,000	99,800-69,250	30,550	1,790
Return Cruise	64	91,000	69,250- 49,525	19,725	1,900
Descent	6	91,000-35,000	49,525- 49,100	425	130
Search	15	35,000	49,100- 47,300	1,800	0
Refuel w/900# Reserve	156	35,000-25,000	47,300-113,500	66,200	4,060

  

<u>RETURN SEGMENT</u>	<u>TIME</u>	<u>ALT.</u>	<u>WT.</u>	<u>FUEL USED</u>	<u>DISTANCE</u>
Climb	12	25,000-75,000	113,500-99,800	13,700	225
Cruise	137	75,000-88,000	99,800-50,700	49,100	4,190
Descent	6	88,000-35,000	50,700-50,275	425	130
Loiter	15	35,000-S.L.	50,275-48,475	1,800	0
Approach	4	S.L.	48,475-48,125	350	35
Land w/1,725# Fuel	174	S.L.	48,125	65,375	4,580
Landing Roll 5,000# w/o Chute					